

Area
[450240064]
 Machine Id
NC-05603 TORQUE TUBE BEARING
 Component
1 Grease
 Fluid
PETRO CANADA GREASE OG-1 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC	---	---
Sample Date		Client Info		20 Dec 2023	---	---
Machine Age	hrs	Client Info		0	---	---
Grease Age	hrs	Client Info		0	---	---
Grease Serviced		Client Info		N/A	---	---
Sample Status				NORMAL	---	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184*	>200	0	---	---
Iron	ppm	ASTM D5185(m)	>250	5	---	---
Chromium	ppm	ASTM D5185(m)	>10	0	---	---
Nickel	ppm	ASTM D5185(m)	>5	<1	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Lead	ppm	ASTM D5185(m)	>25	<1	---	---
Copper	ppm	ASTM D5185(m)	>75	<1	---	---
Tin	ppm	ASTM D5185(m)	>5	0	---	---
Silver	ppm	ASTM D5185(m)	>5	0	---	---

GREASE CONDITION

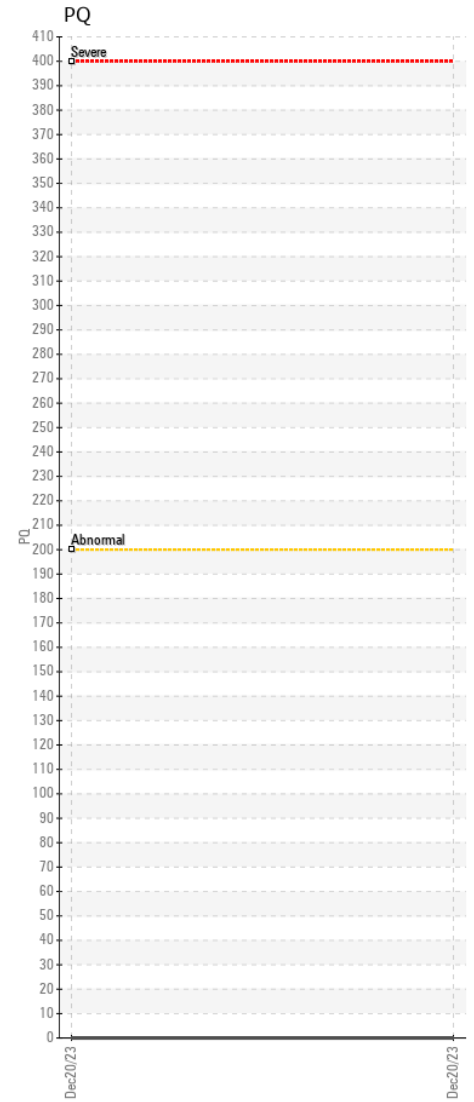
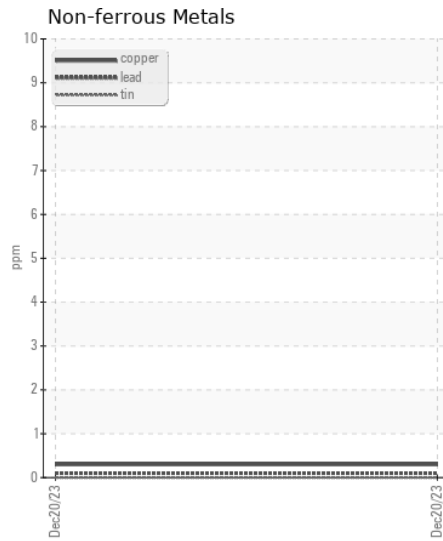
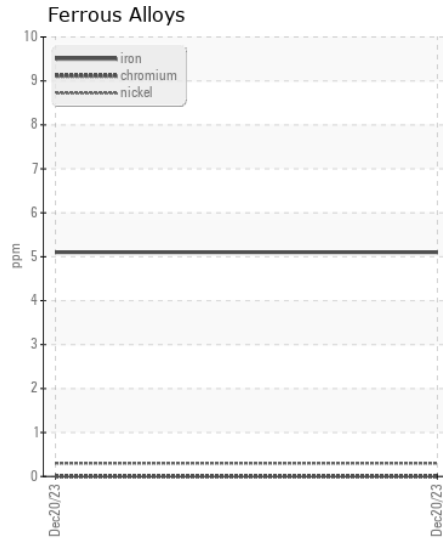
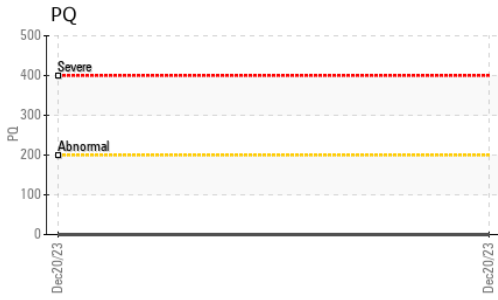
The condition of the grease is acceptable for the time in service.

Boron	ppm	ASTM D5185(m)		149	---	---
Magnesium	ppm	ASTM D5185(m)		9	---	---
Manganese	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		0	---	---
Phosphorus	ppm	ASTM D5185(m)		2	---	---
Zinc	ppm	ASTM D5185(m)		49	---	---
Aluminum	ppm	ASTM D5185(m)		2	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Calcium	ppm	ASTM D5185(m)		3919	---	---
Sodium	ppm	ASTM D5185(m)		15	---	---
Lithium	ppm	ASTM D5185(m)		<1	---	---
Sulfur	ppm	ASTM D5185(m)		719	---	---
Grease Color		Visual*	Tan	Cream	---	---
Texture		In-house*	Buttery	Buttery	---	---
NLGI Consistency	NLGI Scale	SKF Method*	1	2	---	---

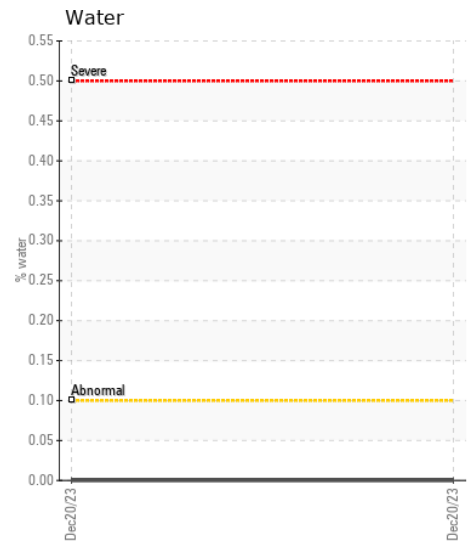
CONTAMINANTS

There is no indication of any contamination in the grease.

Water		WC Method	>0.1	NEG	---	---
Silicon	ppm	ASTM D5185(m)	>150	3	---	---
Potassium	ppm	ASTM D5185(m)		3	---	---



Grease Appearance (Magn: 10X)



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC **Recieved** : 17 Jan 2024
Lab Number : 02609581 **Diagnosed** : 19 Jan 2024
Unique Number : 5710667 **Diagnostician** : Bill Quesnel
Test Package : GRS 1 (Additional Tests: BottomAnalysis, KV40, Spat, TAN Auto)

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To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.